



Ft_server

Summary: This is an Administration System subject. You will discover Docker and you will set up your first web server.

Contents

I	Introduction	2
II	General instructions	3
III	Mandatory part	4
IV	Turn-in and peer-evaluation	5

Chapter I

Introduction

This topic is intended to introduce you to the system administration. It will make you aware of the importance of using scripts to automate your tasks. For that, you will discover "docker" technologie for install a complete web server. This server will run multiples services, as a Wordpress, Phpmyadmin, and an SQL database.

Chapter II

General instructions

- You must make all the necessary files for the configuration of your server in a folder `srcs`.
- Your `Dockerfile` file should be at the root of your repo. It will build your container. You can't use docker-compose.
- All the necessary files for your wordpress should be in the folder `srcs`.

Chapter III

Mandatory part

You must set up a web server with Nginx, in only one docker container. The container must be run with debian buster. Your web server must be able to run several services at the same time several services. The services will be a WordPress, Phpmyadmin and MySQL. You will need to make sure your SQL database works with the WordPress and phpmyadmin. Your server should be able to use the SSL protocol. You will have to make sure that, according to the url typed, your server redirects to the good site. You will also need to make sure your server is running with an index that must be able to be disabled.

Chapter IV

Turn-in and peer-evaluation

Submit your work on your GiT repository as usual.